

# Knitted Outerwear Times

the official publication of the  
national knitted outerwear association  
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sweaters • swim suits • infantswear • knit fabrics • polo shirts • gloves • headwear

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No. 44

## Organizations

### Knitting Experts Adopt New Name

Adoption of a new name for the American Section of the International Federation of Knitting Specialists was announced this week by Sidney S. Korzenik, executive director and counsel of the National Knitted Outerwear Association, following a meeting of the group held last Tuesday afternoon at the Hotel Vanderbilt.

The new name for the group is Society of Knitting Technologists. Under the new name, the group will continue to operate, Mr. Korzenik stressed, as the U. S. chapter of the international knitting specialists' organization.

Plans were made at the meeting for participation of the Society in the educational activities of the National Knitted Outerwear Association and for periodic technical meetings at which papers on subjects of vital interest to knitters in all branches of the industry would be presented.

#### Officers Present

Present at the meeting in addition to Mr. Korzenik, who presided, were Charles Reichman, editor of the KNITTED OUTERWEAR TIMES, permanent secretary of the group; James Moore, director of research and development, Fairtex Mills, Inc.; A. Reisfeld, director of research and development, Behring Textiles, Inc.; Otto Englehard, director of research, Native Laces & Textiles, Inc.; Ted A. Podbereski, knitting mill consultant; George Urlaub, knitting mill consultant; Victor Lombardi, knitting machinery

design engineer, Scott & Williams, Inc.; Charles Rothenstein, Raschel technologist; and Theodore Hirschhorn, Kenwood Knitting Mills.

Other members of the Society's organizing group include Professor Thomas Edman, head of knitting department, Philadelphia Textile Institute; Professor William E. Shinn, head of knitting department, School of Textiles, North Carolina State College; Robert Peel, vice president, research, Singer-Fidelity, Inc.; Joseph Rab, head of knitted fabric development, Catalina, Inc.; Abraham Abrams, Uniwave, Inc., and author of a text on pattern wheel designing on circular jersey yardgoods machinery; and Nathan Levin, knitting patent consultant.

### 165 Reserve Space At Knitting Arts Show

PHILADELPHIA, Pa. — More than 165 companies have already registered to display their new products and inventions at the 45th biennial knitting Arts Exhibition at Convention Hall, Atlantic City, N. J., April 24-28. This year's reservations have exceeded last year's total.

Last year, executives of companies in the U. S. and 35 foreign countries were among the 13,000 who saw the displays. Their purchasing power was estimated at more than \$1,500,000,000.

The exhibition, which is jointly sponsored by the National Association of Hosiery Manufacturers, the Underwear Institute, and the National Knitted Outerwear Association, is the world's largest knitting trade show.

### NAMSB Foresees Bold British Look Showing In Spring And Autumn

By ALAN SIEGLER

THE British Look—bright and bold—is the theme of the National Association of Men's Sportswear Buyers this spring—and it is expected to carry into fall. The British accent in knitwear and swimwear is batik, seersucker, race track plaids and checks and regatta or boater stripes. In color it is compound or heather tones, blues and tiger tones that run from camel through rust to bright orange. Olive and gold are still strong.

Knit shirt styling is turning to the simple buttoned neckline without placket and to longer ribbed and fashioned collars. In sweaters, the leaders are five-hole cardigans and pullovers, the revived classic V-neck and new interpretations of the high V.

The V-neck sweater in a stitch that looks bulky but is actually light and porous appears in many forms, including a high-V sweater-shirt. The necklines are accented with broad contrast ribbing and stripes. There is bold ribbing in pineapple, honeycomb and other novelty textures, usually white or heather, sometimes with stripes.

The British have shaped Italian styles into a more masculine appearance.

Probably the brightest and boldest splash is in swimwear. Coordinates and knits are more prominent than hitherto. Trunks run from bikini through the Nassau and Bermuda length and down to the ankles.

Among the colorful patterns for the coordinates are batiks, solids such as deep blotter blue, handkerchief prints, checks and stripes — horizontal, vertical, diagonal, little, big and massive.

Among the prominent styles in beach pants is the white duck, in knee, calf and ankle lengths.

Knit shirts show the return

of the self-collar made of the body fabric. The one-piece or Continental collar is back, but it is more subdued. Shawls have a fresh touch with notching or cloverleaf. The crew neck seems to be replacing the boat neck, but a simulated boat neck is still around.

Flat jersey knits in striped cottons are coming to the fore. As in sweaters, the nubby boucles, tweedys, pebbles, popcorns and pineapples look bulky but feel porous and cool.

Cotton dominates but synthetics, many in full-fashioned styles with self patterns, are said by the NAMSB to be headed for another record season.

### UKML Dinner Dec. 9 At Hotel Roosevelt

The annual dinner of the United Knitwear Manufacturers League will be held December 14 at the Hotel Roosevelt.

The league is an organization of knitting mills in the New York area which has a collective bargaining agreement with Local 155, Knitgood Workers Union, ILGWU. Herbert Alper is president of the league, Harold Korzenik is counsel, and Reuben Geller and Jack Noble are chairmen of the dinner committee.

Tickets for the dinner are available at the offices of the League, 51 Chambers Street, New York City.

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## Knitted Outerwear Times

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## Knitted Yardgoods

# Purchase Of Double Jersey Equipment

By CHARLES REICHMAN, Editor

WHAT type of double jersey machine and which machinery manufacturer's model should I buy? These are among the many questions which numerous knitters are pondering these days as a result of the mushrooming popularity of the knitted dress. Actually the problem facing the prospective buyer of double jersey knitting equipment is, of course no different from that which confronts a knitter contemplating the purchase of any other type of knitting machine. In some respects the job of evaluating the advantages and drawbacks of the different double jersey knitting machines could be somewhat more complex. The reason for this is that trade experience with these machines has been rather limited up to now, with the result that relatively meager data on performance has been accumulated on which knitters can base a purchase decision with some degree of assurance. Nevertheless, in the final analysis, it should be clear that practically the same considerations that are ordinarily taken into account in purchasing more conventional types of knitting equipment must be analyzed and weighed in coming to a decision on the types and makes of double jersey machines to buy.

### Determining the Type of Machine to Buy

Circular knitting machines for the production of double jersey fabrics fall into two basic types—the limited-purpose and the all-purpose machine. In the former category is the modified interlock or specially designed unit whose scope is limited to the production of plain double jersey fabrics in eightlock (2 x 2 interlock) and single and double pique.

The all-purpose model in contrast is characterized by wide stitch and pattern scope. Aside from the fact that this machine can also turn out the general run of double jersey structures, it is geared primarily for the knitting of an almost infinite variety of multi-colored rib jacquard patterns.

### Relative Features

At first glance the all-purpose machine might appear to be the more attractive investment than the limited-purpose model. It

has broad design flexibility and, if demand for one type of fabric producible on the machine should wane, it could be relied upon to turn out another type of cloth in the double jersey genre that is more in vogue.

But this feature is attractive only if the maximum pattern scope of the machine can be taken advantage of during the major part of, if not the entire, productive life of the machine. A double jersey machine equipped for jacquard pattern work generally requires a larger initial capital outlay, is more costly to run and slower operating than a plain double jersey yardgoods machine. To employ an intricate rib jacquard machine mostly for the production of the plain, relatively simple, double jersey structures means that its fullest productive potential is not being utilized; that, to put it another way, the maximum possible return on the investment is not being realized.

### Machine Proportion

If the investment in double jersey equipment is to be a modest one limited, say, to no more than two—possibly three—machines, the purchase of only fancy jacquard units would be practical and economical. However, if the planned double jersey equipment acquisition is to be on a more lavish scale, then consideration must be given to dividing the contemplated purchase into a realistic proportion of limited- and all-purpose machines.

What this proportion should be is, of course, the proverbial \$64 question. There can, of course, be no hard and fast rule set down on how the relationship between limited- and all-purpose machines is to be determined; the answer depends in part on the mill's production plans and the existing and potential market for plain as against patterned goods.

Some mills see the future

swing in double jersey chiefly to the jacquard variety of fabrics. Obviously, these mills will favor all-purpose machines over limited-purpose double jersey equipment. Others, however, see the double jersey vogue moving in both directions simultaneously. These mills, accordingly, will naturally buy both types of machines in some reasonable proportion to each other.

### Mills Buying Bulk

It is significant that more mills are basing their operations along the latter lines rather than the former. One large weaver who recently expanded his operations into double jersey fabrics, divided his initial ac-

(Continued on Page 5)

STATEMENT REQUIRED BY THE ACT OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1933, JULY 2, 1946 AND JUNE 11, 1960 (74 STAT. 208) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF KNITTED OUTERWEAR TIMES, PUBLISHED WEEKLY AT NEW YORK, N. Y., FOR OCT. 1, 1960.

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Irving I. Silverman  
Business Manager

Sworn to and subscribed before me this 16th day of September, 1960.

Mary T. Donohue  
(My commission expires March 30, 1962.)





Knitted fabric mosaic after "Murnan" by Wassily Kandinsky (1866-1944). One of the first great modern painters, Kandinsky's early works were expressionistic, later they became pure abstractions.



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quisition of 10 machines into four plain double jersey units and six fancy pattern models. A large knitting mill that recently added five double jersey machines, divided the purchase into three all-purpose units and two limited-purpose machines.

### Evaluating Various Manufacturer's Models

In attempting to weigh the merits of one make of double jersey machine as against another, knitters must find the answers to numerous questions. Probably the most significant query that the prospective double jersey machine purchaser must grapple with hinges on the initial cost of the machine. In calculating cost, manufacturers must consider not only the basic or quoted price of the machine but the cost of optional equipment, shipping, setting-up and installing charges (electrical wiring, floor remodeling, etc.) as well as interest, if the machines are acquired on a time payment basis. A tally of these extra costs will give the real as against the quoted cost of the machine.

### Real Machine Cost

Once having determined the real cost of the machine, the manufacturer then must wrestle with the question as to whether the capital outlay is justified in terms of the machine's earning power; in other words, the actual return the machine can be expected to produce. It is recognized, of course, that sometimes earning power of a piece of equipment cannot be a major consideration. Frequently, a new knitting machine may not in and of itself result in increased earnings but the expenditure for the new machine, steep as it may be, may still be necessary to maintain the company's competitive position in the market or, stated in another way, to assure the company's existing earning power.

Determining a knitting machine's earning power is quite a difficult task. It involves the consideration of many factors, the principal ones being:

- The machine's rate of output.
- Its stitch and pattern scope.
- The quality of the goods the machine can be depended upon to produce.
- The machine's operating

## Purchase Checklist for Circular Double Jersey Machinery

Cost Factors	Equipment Specifications	Pattern Stitch Scope	Performance Factors
Quoted price	Space occupied	Basic stitches	Rate of output
Cost of optional equipment	Type of motor and drive	producible on machine	Service facilities of machinery manufacturer
Installation charge	Total number of feeds	Size of pattern field	Location and size of spare parts inventory
Setting-up (electrical, plant alteration, etc.) cost	(a) Knitting feeds (b) Other feeds	Is pattern produced with spiral?	Availability of needles
Interest (if purchased on time or equipment loan)	Cut (needles per inch in cylinder and dial)	Type of pattern mechanism	Trade experience with machine
Other charges	Diameter of cylinder and dial	Additional equipment required for patterning	
	Types of needles used (a) In cylinder (b) In dial		
	Number of pattern devices at each feed		
	Number of yarn changers at each feed		

and maintenance cost and its rate of depreciation.

All these factors must be weighed against the effective or real cost of the machine. But before this can be done each of these specific factors must first be thoroughly analyzed.

Rate of machine output, for example, is a function of the number of feeds on the machine, the degree of its pattern scope and its adaptability to yarns of various fibrous materials and of a range of yarn counts. In analyzing the different factors involved in arriving at a rate of output figure, knitwear manufacturers can use as their starting point, of course, the claims made by the machinery manufacturer. It must be recognized, however, that equipment builders in quoting output rates would naturally base their claims on performance under the most favorable operating conditions and the least exacting fabric structures.

### Different Methods

Recognition too must be given by the knitwear manufacturer to the fact that machinery manufacturers have different ways of quoting output rates. Some may give their estimates in terms of yards per pound; others in number of pounds. The basic time unit may vary from yards or pounds per hour or yards or pounds per eight-hour day. Frequently, the poundage or yard-

age figures are not quoted precisely but rather in a range of yards or pounds. It is necessary, therefore, in evaluating the different machinery builders' output claims that all be reduced to a common basis before analysis can proceed.

Stitch and pattern scope requires the weighing of the design possibilities of one make of machine as against another. Can the machine produce the full range of fabrics within the double jersey classification? Or is the machine restrictive in the sense that it can turn out only plain goods or the full range of plain double jersey structures but with limited jacquard scope.

In judging the latter, weight must be given to such questions as: (1) the depth of the pattern field; (2) the machine's ability to produce the design with or without a spiral; (3) the limitation on number of colors which the machine imposes for each different type of design.

Also to be considered is the specific way in which the jacquard design is imparted; in other words, what type of needle selecting mechanism is employed in the production of the designs. Is the pattern mechanism one with which the mill staff is already familiar? Or will they have to receive detailed instructions on how it functions and how designs are to be set up on it? Does the pattern mechanism re-

quire an extensive stock of parts?

In addition, is extra equipment necessary for setting up the needle selecting mechanism? Many of the double jersey machines on the market have different types of patterning mechanisms; some operate via pattern wheels, other with geometric prisms. Still others, are based on the perforated jacquard paper or perforated steel film principle.

Operating and maintenance cost can be determined only after a thorough analysis of the relative simplicity or intricacy of the machine; the degree of skill required by the operators to run and maintain it; the basic knowledge required by the mill's design staff to conceive designs and then to execute them; the sturdiness of the machine and the wear life of its working parts; and on many other similar factors.

Once all the factors cited above have been decided upon, the knitwear manufacturer can then proceed to a consideration of the other less vital but nevertheless important equipment purchase considerations. Among these are: the mechanical features of the machine; the type of motor drive employed; the kind of frame the machine rests upon; etc.

After these basic machine  
(Continued on Page 7)



## LOOKING FOR WINNERS ?

See Van Heusen Shirts with

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points have been studied, then the prospective purchaser should move on to an evaluation of these final points:

- Reputation of the machinery manufacturer.
- Availability of spare parts and trained service personnel.
- Trade experience with the machine.
- Suitability of the machine for the manufacturer's plant and mode of operation.

Since many of the double jersey machines currently on the market are of foreign manufacture, the first point is highly important. No matter how good

a piece of equipment a particular make of machine may be, unless it is backed by a manufacturer or U. S. agent with a reputation for reliability, it may in the long run not prove to be a good investment.

Equally important is the fact that a knitting machine is only as good as the service facilities behind it. Servicing consists not only of fully trained and adequate repair personnel but a complete stock of spare parts. A first-rate machine remains one only as long as it is in operating order. If the machine should break down and compel the knitter to wait a long

time before a service call can be made, or the machine has to remain inoperative because of inability to obtain the desired spare part, then it is not as valuable an investment as a less productive unit of another machine maker who can supply parts and service promptly.

In studying the spare parts facilities for foreign-built machines, particular attention should be given to the types of needles used. Are they the kind that are readily available in this country from U. S. knitting needle resources or must the supply come from abroad. It may be necessary for the plant

to build up its own needle inventory. Consideration may have to be given too to stocking of special parts, extra motors and cylinders and dials.

No consideration has been given in this article to the wisdom of confining the double jersey machinery requisition to the equipment of only one machine builder. This is a problem in itself. It requires that consideration be given to the relative advantages and disadvantages of having machines that perform differently, that require different parts and that may also require different personnel to operate and maintain them.

## Dyeing & Finishing

# Veil Spraying, New Way To Pattern Cloth, Introduced

RALEIGH, N. C. — A new technique for applying patterns and textures to a wide range of fabrics by production-line methods but without the expense of costly engraving rolls or heavy fabric-printing equipment was demonstrated recently at North Carolina State College's School of Textiles. The process, developed by B. F. Goodrich Chemical Company, Cleveland, was shown on production-scale spraying equipment donated to the School of Textiles by Binks Manufacturing Company, Chicago.

In the process, liquid vinyl plastic is sprayed on textiles in abstract swirls, random line or pattern designs. On heating in an oven, the vinyl fuses to the fabric in permanent patterns or textures that withstand washing and dry cleaning. The fabric's hand remains practically unaltered.

This process means that for the first time, three-dimensional "printing" of textiles is possible, according to William A. Newell, director of The Textile Research Center at North Carolina State. "The reaction of the mill people who have watched this process develop is most enthusiastic."

Lawrence L. Shailer, manager of textile chemicals sales development for BFG Chemical commenting on the new process said, "This decorative spray technique offers a unique opportunity to designers and manufacturers. A great variety of fabrics from wovens to non-wovens to

knitted materials, tight or loose construction, may be decorated by this method. Patterns and colors are practically unlimited."

### Introduced Year Ago

He pointed out that his firm first introduced the decorative spraying technique at its textile chemicals trade show held in New York one year ago. This installation at The School of Textiles is the result of the co-operative efforts of BFG Chemical, Binks Manufacturing Company and the college to demonstrate the commercial feasibility of the new decorative spraying technique, Shailer said. This equipment provides pilot facilities which will enable individual companies to prepare yardage for test marketing, for evaluat-

ing design variations and for studying costs in a practical manner, he said.

### Types of Needles

In discussing BFG Chemical's development of the new technique, Shailer indicated that his firm supplies only the raw materials used in the process. He pointed out that the plastisols (vinyl plastic in the form of a liquid dispersion) used in the demonstration were prepared by Flexible Products Company, Marietta, Georgia, using Geon vinyl materials supplied by BFG Chemical. Flexible Products has been a leader among the formulators offering plastisols suitable for use with the new technique, he explained.

With the Binks equipment installed at the college, patterns may be varied by adjusting the spray guns, altering the flow properties of the plastisol, and by changing the number of spray heads, their position or the speed of the material through the equipment. Speeds up to 25 yards a minute were demonstrated, but much higher speeds can be attained if simple patterns are used and adequate oven capacity is available.

### Moving Guns

Patterns may also be varied by using equipment with moving guns. Such equipment might have the guns moving on a traversing unit or mounted on an oscillating frame.

Vinyl or nitrile latex may be used in place of vinyl plastisols in the spraying operation. This is usually done when heat-sensitive fibers are being sprayed since latices can be cured at lower temperatures. When latices are used, they are simply dried and then heat cured usually at temperatures below 300 degrees F.

## Gov't Procurement

### Flight Deck Jersey Bids

PHILADELPHIA, Pa.—The Military Clothing and Textile Supply Agency will open bids November 10 at 2 p.m. under QM-322 for 18,732 flight deck crew jerseys, round neck, type 2, lightweight, assorted colors and white. Delivery schedule is February to August, 1961.

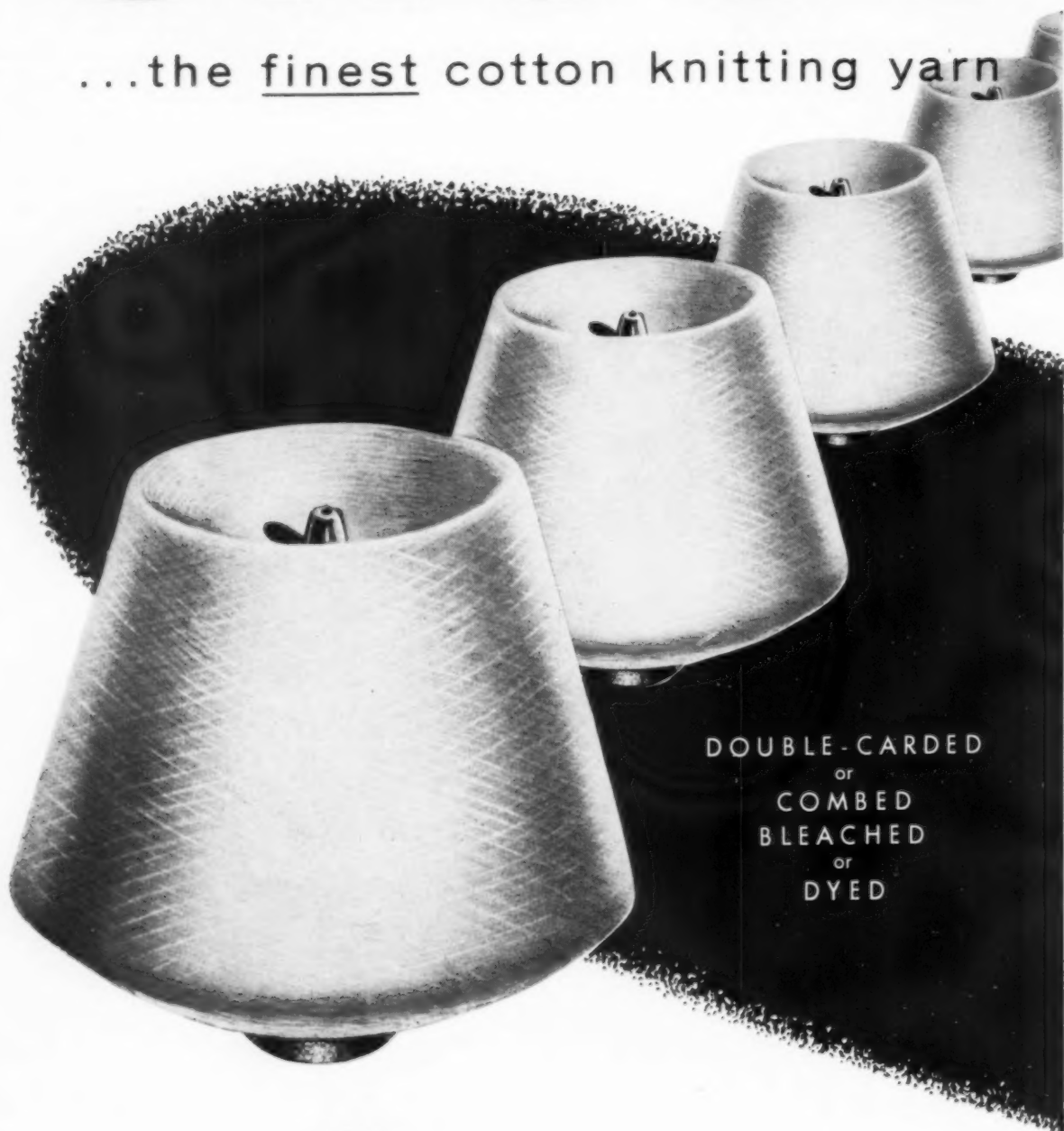


Method by which fabric adornment is applied via veil spraying technique.



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**Fashion Ideas From Abroad****Surface Effects Shown In Many Pattern Possibilities**

Close ribbing highlights polka dot designs on the long-sleeved pullover shown above which plunges to an elasticized, hip-length bottom. Placket interest and collar add the casual air.

A poodle cloth effect is achieved in sweater construction in the wide collared cardigan shown below. Metallic buttons highlight front.



The casual warmth of tweed is effected in the V-neck, collared pullover shown above. Long sleeves and hip-length depth further the bulky idea. Open neck offers room for accessory imagination.

Below, ribbing extends along collar and long sleeves of a long line pullover. A tie which crosses over in deep placket neck rises to a long bow which falls down the sweater front.



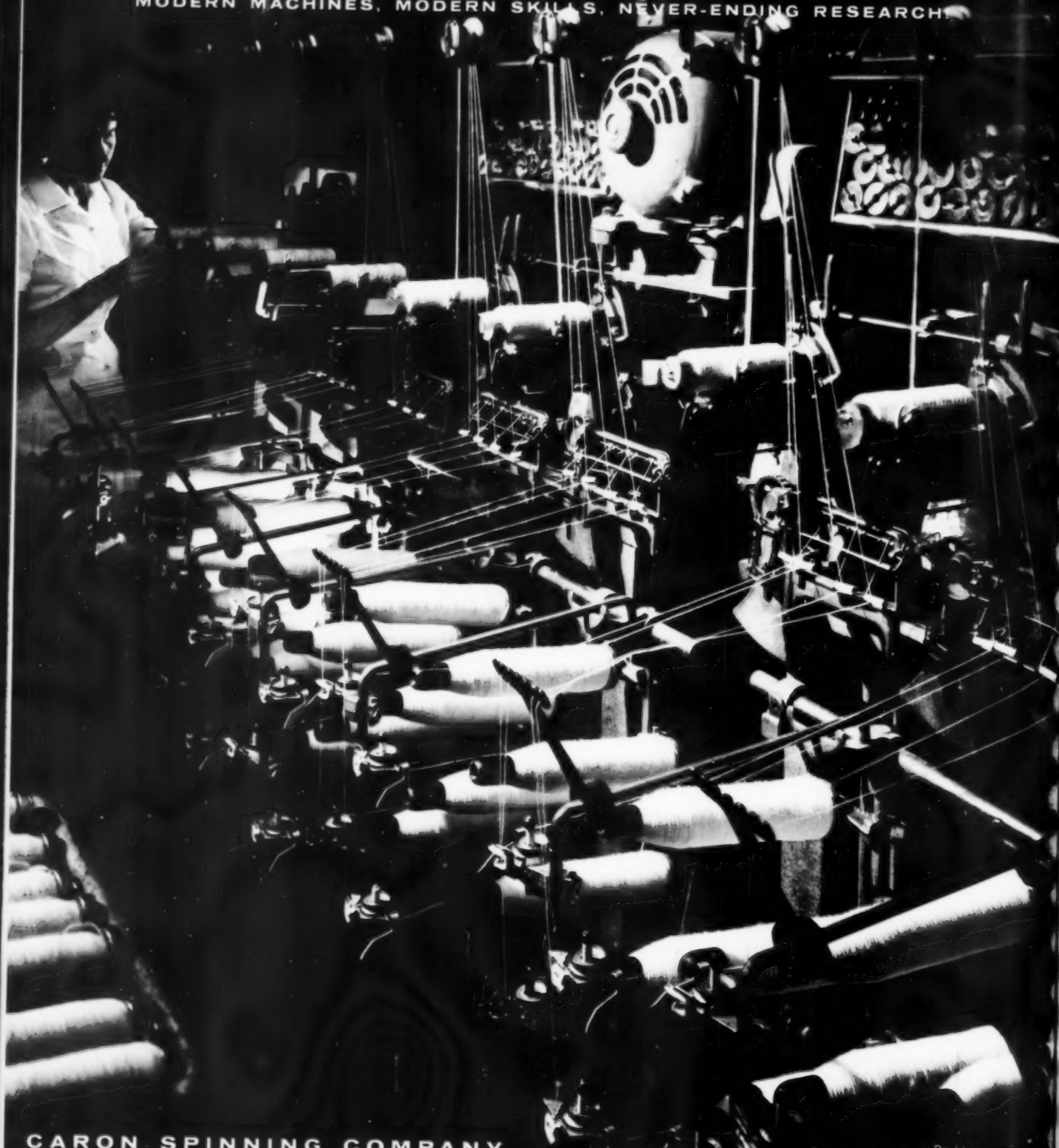
A dropped stitch effect is created in a ribbed pattern on this wide neck cardigan with shoulder width collar. Big buttons are further interest.

Below, the tunic rage is stimulated with a long sleeve and V-neck sweater whose downward plunge to hip length is broken by a waistline defining tie of knitted rope.



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**Men's Wear****High-V Bulkies In Gold Still Strong At Miami Sportswear Showcase**

By MARTHA LUMMUS

MIAMI, Fla. — Most exhibitors displayed knitted outerwear at the 11th Annual International Sportswear and Cruise-ear Premiere of the Men's and Boys' Apparel Club of Florida. The high V-neck in bulkie pull-overs of gold and gold with ivory was still pacing the sweater market.

Short-sleeve Ban-Lon knit shirts in both solids and patterns are going well, according to one knitwear exhibitor who also showed high Turbo Orlons with shmere-like finish. The new concealed and zippered plackets, full-fashion with Continental collar, and turned up cuffs on short sleeves were in demand.

An 80 per cent Orlon, 20 per cent cotton knit shirt, in 16 colors, with conservative collar and four-button placket was a popular style. Meshes, braids, and stripes decorated the bodies of shirts and solid collars were exceptionally good for spring.

A best seller was the shawl collar cardigan. Marl tones were new and moving briskly. A sleeper in one salesman's line was a full-zippered front bulkie, described as a "wingding" by this exhibitor.

"Look for an accelerated popularity sage, with white, gold and olive still going strong, and black enjoying a fine traffic."

The boucle look is selling in boys' shirts, and the embroidered knit for younger boys. Soft tones sold better than vivid hues, one salesman reported. A terry cloth print knit shirt for boys, coordinated with solid walk shorts of matching fabric, was a particularly good item in his line.

The hottest seller in one line of knitted goods was bathing trunks for boys especially one of terry cloth Helanca, in a wide size and color range. Knit Hel-

(Continued on Page 13)



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anca bathing trunks made on a sweater machine, with jacquard design on the legs, were selling well for this exhibitor.

#### Glowing Pink

Glowing pink was the new color in tank suits for little girls. The latest was a tank suit with draw string at waist. Other good colors in this line were lilac, lilac combined with hot pink, and gold and turquoise teamed together. New this year in this knitwear line were pre-teen styles and a boy's blazer, in several colors.

Commander blue, a choice color this season, was evident in many exhibits.

One exhibitor showed a basic knit boys' shirt in plain colors, of 60 per cent tri-acetate Arnel and 40 per cent cotton, which he said was a big seller.

#### Short Raglan Sleeves

Another new style in the exhibit was a boy's shirt with short raglan sleeves, with contrasting stitching and cuff trimmed with button.

Villager shirts in cotton knit were popular for boys and girls. The boys' came in subdued colors and the girls' in a wider

range, including red, lilac, desert green, blue and the increasingly popular taupe.

For the very young, some exhibitors showed napped and sheared sweaters, with contrasting knit weave for sleeve and collar, or napped and sheared in jacquard.

#### Akom Will Link Ads To TV's Dobie Gillis

Akom Knitwear has signed a contract with Jay Emmett Associates, Inc., merchandising representatives, to use the Dobie Gillis television series as a vehicle for a promotion of women's and girls' overblouses, sweaters and jackets.

Dobie Gillis, which has a campus background reaches more than 25,000,000 viewers weekly. It will be featured in national newspaper and magazine advertising, counter cards, hang tags, special displays and personal appearances of the stars.

Akom is already in production and expects complete national distribution by the end of this month. Its advertising agency is Mervin and Jessie Levine of New York.

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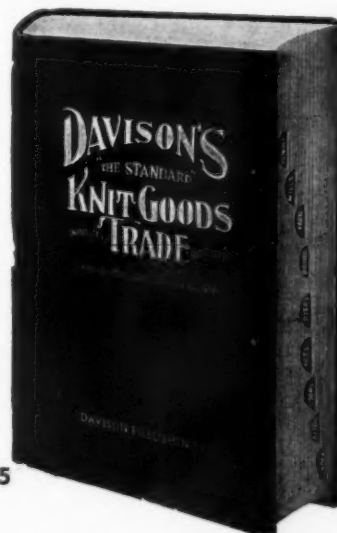
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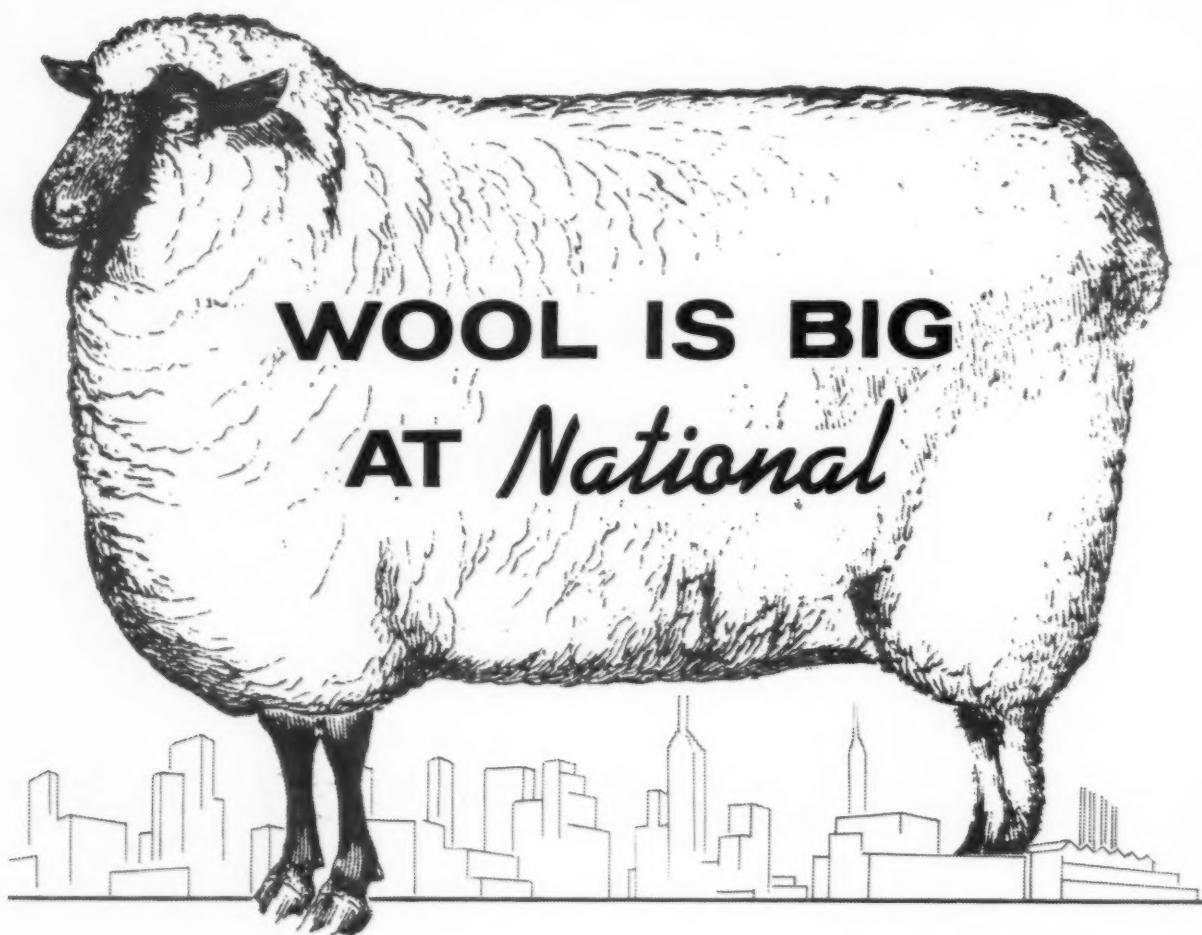
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**Men's Wear****New Look In Sweaters, Knit Shirts Introduced By Lion Knitting Mills**

By SANFORD MARKEY

CLEVELAND, O.—There's a new look in golf shirts, and a "high look-neat look" in sweaters created by The Lion Knitting Mills that already is becoming the talk of the trade.

The new look in golf shirts eliminates the collar—the bit of superfluous clothing that bothers the golfer with a good swing. Instead, Lion is concentrating on better styling, for both arm and neck, and high quality, adding up to a better shirt for the golfer in the year ahead.

In sweaters, Lion's new spring line, based on extensive research, is a decided bow to the young man who is setting the clothing pace. The line eliminates the sloppy look, and is geared to neatness and the decided trend toward coordinating cardigans, vests, sleeveless and sweater-shirts.

For example, according to both James and Norbert Hibsh-

man of Lion Knitting, all openings on sweaters have been raised so that the person wearing a tie with his sweater need no longer worry about the tie tumbling out: the opening is raised to best show the tie-knot with an inch leeway — the neat look.

Sweaters are of practical weight, permitting the garment to be worn either indoors or outside with comfort. Sleeveless sweaters highpoint the new neat, dress-up look, combining the sport-jacket-sleeveless sweater for the new fad on the campus and at work.

The entire line of cardigans, V-neck pullover, vests sweater-shirts and sleeveless sweaters is pre-washed of pure virgin zephyr wool. There is also a new line of soft-muted colors — pewter, glacier, agate, walnut, ivory, slate mist. There is a fine button coordination with sweaters; but-

(Continued on Page 17)

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tons are dyed to match.

The golf sweater-shirt, of lisle cotton, is two-ply and pre-washed to remove shrinkage and eliminate crawl. The V-neck replacing collars, is high enough to keep hair from showing, low enough to permit full freedom of movement. It has a hemmed-backed cuff and a new flexing bicep sleeve.

Elimination of the collar, with the neatness of a contrasting V-neck trim, gives the golfer a more comfortable feel "in that it has eliminated a curling collar due to perspiration" say Lion officials.

It comes in a new line of colors — white, silica, pewter, bamboo, gunmetal and marble.

The line has been extremely well-received, and sweater sales already are reported much "better than in any of the past four years." Lion products are sold only to high quality wholesalers.

### Personals

#### Son To Dick Chwatts

A son was born October 10 at the Beth El Hospital, Brooklyn, to Mr. and Mrs. Dick Chwatt.

Mr. Chwatt is one of the principals of Chwatt Bros. Inc., dyers. The infant, Glenn Marc, weighed 6 lbs. 1 oz.

### Fiber Producers

#### Cyanamid Fiber Unit Appoints Sales Head

James N. McDonald has been named sales manager of American Cyanamid Company's Fibers Division. He was commercial development manager.

Mr. McDonald joined Cyanamid from Beaunit Mills, where he was product manager for polyester fibers. Prior to that he was with the Amerotron Division of Textron, Inc.

In his new post, Mr. McDonald will direct sales of Creslan acrylic fiber.

#### Joins Chemstrand Staff

Charles E. Chesebrough has joined The Chemstrand Corporation as a merchandising specialist.

#### Allied Chemical Appoints

David G. Aston has been appointed to the Caprolan nylon merchandising staff of Allied Chemical.



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Then you are old.

But if from life you take  
the best,  
And if in life you keep  
the jest,  
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## Wool

## New Shrinkage Control Treatment Developed By Agriculture Scientists

**By P. H. MOOR**

ALBANY, Calif. — A new method of making wool fabrics shrink resistant to make them safely washable in machines has been perfected by U. S. Department of Agriculture scientists.

The technique is essentially a way to cover wool fibers with an ultra thin coating of a polyamide that is chemically similar to one type of nylon. Treated fabrics retain wool's natural soft texture and yet wash without shrinking and dry without wrinkling.

### Can Be Combined

The new treatment can be combined with the Agriculture Department's recently announced ethanolamine method for putting permanent pleats and creases in wool fabrics. It differs, however, from the shrink resistant treatment previously reported, in which modified epoxy resins are used.

The new approach to wash-

and-wear wool is a development of the Western Regional Research Division of USDA's Agricultural Research Service in Albany, Calif., the same laboratory that developed the resin and ethanalamine treatments. Chemists responsible for the polyamide treatment are W. L. Wasley, R. E. Whitfield, L. A. Miller, and W. Fong.

Using a reaction well known in chemical research called interfacial polymerization, these chemists immerse wool in a dilute solution of a diamine and then immediately draw it through a dilute solution of diacid chloride. Under suitable conditions, a very thin and extremely durable polymer film is formed on the surface of the wool fibers.

The researchers say the film is so thin that it increases fabric weight as little as one percent or less. Commercial equipment  
(Continued on Page 21)

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should be suitable for the application. Following treatment, the fabric is simply rinsed in water and dried. No heat curing is necessary.

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### Cotton

#### New Drip-Dry Finishes Described at Parley

WASHINGTON, D. C. — Improved finishes for wash-and-wear cottons were described at the ninth annual Chemical Finishing Conference of the National Cotton Council.

The finishes were said to provide cotton fabrics with good wrinkle recovery, wet or dry, which allows wringing and line or machine tumble drying. The finishes also are said to be im-

pervious to chlorine and repeated commercial laundering.

Leon Chance, chemist of the U. S. Department of Agriculture's Southern Regional Research Laboratory, New Orleans, reported on development of formaldehyde as a wash-wear agent for cotton.

#### Control Cross-Linking

Chemists have hitherto had difficulty in controlling the cross-linking reaction of formaldehyde and cotton cellulose necessary for wash-wear results. The effective, low cost formaldehyde could be an ideal finishing agent, according to the council.

Guiliana Tesoro, head of organic research, J. P. Stevens & Co., Garfield, N. J., described chemical modification of cotton with divinyl sulfone derivatives for wash-wear.

Another finish for cotton, providing resistance to water and oil staining, is a combination of fluorocarbon chemicals with traditional water repellents. The product, described by Herman Goldstein of Sun Chemical, is the first combination finish to stand up under laundering.

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**Factoring****Talcott Reports 17% Income Gain**

James Talcott, Inc., industrial financiers, reported an increase of 17 per cent in consolidated net income for the first nine months of 1960 over 1959.

The consolidated net income was \$3,208,607 for the 1960 period, and on a comparable basis, \$2,746,756 for 1959. Both figures include the net income of First Acceptance Corporation, Minneapolis, Minnesota, acquired by Talcott in July, 1960.

Provision for federal taxes on income was \$3,615,000 in 1960 and \$3,399,214 in 1959.

**1960 Net Income**

Net income in 1960 was \$2.58 per share on the average number of common shares outstanding during the first nine months, compared with \$2.49 for 1959.

Herbert R. Silverman, president, reported that total receivables acquired by the company during the first nine months of this year increased 20 per cent over last year's.

"All of the company's offices and divisions reported gains," he said. "Talcott's entry into equipment leasing, its acquisition of First Acceptance and the opening of its Los Angeles office, all accomplished this year, should contribute to continued growth and progress."

**Financial****Cash, Stock Dividends Voted By Jantzen, Inc.**

PORTLAND, Ore.—Jantzen Inc., voted a cash dividend of 20 cents per share on outstanding common stock, to be supplemented by a dividend of one share for each twenty shares held. Dividends will be distributed November 1, to stockholders of record October 15.

A quarterly dividend of \$1.25 a share was declared on the Series A 5 per cent cumulative preferred stock, payable December 1 to stockholders of record November 25.

Jantzen is a major producer of swimwear, sweaters, and woven and knitted sportswear. In addition, the company operates a foundation garment division.

# BENTLEY

## COTTON

### FULL FASHION FULLY AUTOMATIC

THE

OUTERWEAR MACHINE


"To pass all men's believing"

We claim so much for Bentley's UO/AE! Words can't describe; your eyes must tell you.


We didn't design this full-fashion fully automatic outerwear machine with the word unbelievable in mind. But that's the way it's turned out with the result we can't adequately describe its superlative features. What we're going to have to do then is simply say to you — see it!

See the fastest thing on a knitting room floor. See the exclusive styling features for producing the finest in outerwear fabrics and fibers.

**Ask us how this UO/AE can be seen . . . in action.**



**THE BENTLEY KNITTING MACHINERY ORGANIZATION, INC.**  
 BLUE CROSS BUILDING • 31 CANAL STREET, PROVIDENCE 2, RHODE ISLAND, U.S.A.  
 Southern Office: P. O. Box 1887, Liberty Life Building, Charlotte 1, N. C.  
 In Canada: W. J. WESTAWAY COMPANY, LTD., Hamilton, Ontario  
*Don't Compromise . . . Don't Improvise . . . Don't Apologize . . . Knit It On A BENTLEY!*



*This is the Clipman talking*

For the packaging of

**OUTERWEAR • UNDERWEAR**

**SLEEPWEAR**

Cotton • Wool • Synthetics



**PERFEX CLIPS • KAM CLIPS**

U.S. Pat. No. 2,714,363 Trade Mark Pat. Pending

Hickel-Plated Brass Clear Plastic

**NO HOLES • NO STAINS • NO DAMAGE**




## CLIPS ?

**IF IT'S CLIPS IT'S TEXPAK**

**WIDE SELECTION**  
of METAL and PLASTIC clips in all sizes.

**PRECISION-ENGINEERED**  
for good holding power, fast application and safe use on all fabrics.

**EXPERIENCE**  
Clips is our business and has been for over 20 years. We recommend the right sizes and clips for your garments and demonstrate their proper use.



**381 FOURTH AVE. • NEW YORK 16, N. Y.**

**A SPECIALIZED BUSINESS WITH SPECIAL SERVICE**

# Ban-Lon®

knitwear gives you  
**4** profit pluses  
 for better selling...  
 customer satisfaction



**FOR YOUR PROTECTION**  
 Fabrics and garments which carry these trademarks  
 must pass rigid quality and performance tests.

For further  
 information, contact  
 your source  
 of supply or write  
 "Everglaze"  
 Marketing Division,  
 P. O. Box 189,  
 Wilmington 99,  
 Delaware.

## Quality Control Program

For your protection, all fabrics and garments which carry the famous "Ban-Lon" trademark must undergo and pass rigid tests for quality and performance

## Skilled Technical Staff

Technical help from the Bancroft Company and its licensees is readily available to give you assistance and advice in carrying out your "Ban-Lon" program

## Nation-Wide Marketing Program

Trained marketing personnel visit stores throughout the country regularly to acquaint merchandise managers, buyers, and sales personnel with the unique advantages of "Ban-Lon" fabrics and fashions, as well as with the latest developments

## Unique "Ban-Lon" Properties

The permanent crimp in the "Texturalized" yarn assures:

- soft, luxurious hand
- excellent stability
- resistance to pilling, wrinkling
- remarkable absorbency
- sharp, bright colors
- added bulk with less weight

The permanent crimp in the yarn puts the plus in Ban-Lon fabrics and garments

## Yarn Suppliers

### American Thread Co. Shifts Duties of Four

The American Thread Company has shifted duties of four of its distribution officials.

Donald C. Uehlein has been named manager of the New York branch office. He has been distribution manager of the Willimantic, Conn. distribution center since 1955.

Bert A. Brine has been promoted to Mr. Uehlein's former post at Willimantic and Frederick Payne has been advanced to Mr. Brine's former position as domestic service manager, also at Willimantic.

L. N. Tyler, who has been manager of the New York branch office since January of this year, has transferred to the headquarters staff of the industrial sales division.

### Belding Heminway Co. And Lily Mills to Merge

The Belding Heminway Company, Inc., and the Lily Mills Company, manufacturers of sewing thread, have reached agreement on merging. Lily Mills will continue its operation at Shelby, N. C., as a wholly-owned subsidiary of Belding Heminway, and the Lily name and organization will be retained under J. W. Schenck, president.

Belding Heminway, in its 129th year, is the oldest domestic producer of sewing threads in America. As weavers and converters of natural and synthetic fiber fabrics it is well-known in the women's wear

field. Its subsidiary, M. Hausman and Sons, is important in the decorative textile market.

In addition to its sewing threads, Lily Mills is known for its art needle products including those for crocheting, knitting, and embroidery. The firm is also a leading supplier of handweaving yarns and equipment to many nations.

### Cotton Spinning Firm Promotes Six Officials

CHATTANOOGA, Tenn. — Six officials have been promoted by Standard - Coosa - Thatcher Company, cotton spinners. They are:

Joseph W. Thatcher, to manager of the spinning division; Robert A. Greene, to superintendent of the Thatcher plant; Charles Voss, to superintendent of the Standard plant, SCT's mercerizing unit in Chattanooga; John Lancaster, to assistant superintendent of the National plant in Rossville, Ga., and of the SCT dyeing, bleaching and finishing plant; Roy Hicks, to master mechanic at the National plant and John Eager, to chief engineer with headquarters in Chattanooga.

### Sales Representatives Named By Verdun Mfg.

Bennett M. Berman Associates has been named sole sales representatives for the New York metropolitan area, Philadelphia and the South by Verdun Manufacturing Company, Woonsocket, R. I. Verdun produces worsted yarns of zephyr grades in dyed and natural.

## BUTTONS

A complete selection of sew-thru and shank buttons in plain and textured polyesters.

Also

Plastics, acrylics, metals and pearls.

Perfect color matching.

One day service.

Call or write for samples.

**New York Washable Button Corp.**

110 BROADWAY • NEW YORK 1, N. Y.

LExington 2-6085

## SPECIALIZING IN

# KNITTED LININGS for SWIM TRUNKS and BATHING SUITS

- Celanese
- All Types of Cotton Mesh
- Novelty Cloth

## ROSECLAIRE Knitting Mills, Inc.

762 Wythe Ave., Brooklyn, N. Y.

ULster 5-4248



**highest prices**  
**paid** FOR **sweater**  
**waste**  
**SKLAR**

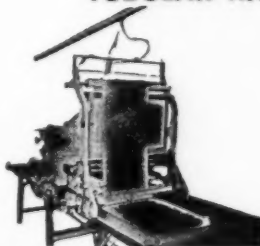
EVERY FIBER  
EVERY GRADE  
NO MINIMUM

TEXTILE  
WASTE  
CORP.

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24 Hour Service Within 100 Miles of N.Y.C.  
We Do Business Throughout the World

## THE BEST WAY TO LAY UP TUBULAR KNITS FOR CUTTING



**CRA ELECTRIC KNIT GOODS LAYING UP MACHINE**

FASTER, MORE ACCURATE, TENSION-FREE... PAYS FOR ITSELF IN SAVINGS OF TIME, HELP, MATERIAL.

**FINDS—REMOVES LOOSE THREADS FROM FINISHED PRODUCT**



**CRA CLIPMATIC THREAD TRIMMER**

**THE RIGHT TABLES FOR YOUR CUTTING ROOM**



**CRA METAL SECTIONAL CUTTING TABLES**

Illustrated Literature on Request

**CUTTING ROOM APPLIANCES CORP.**

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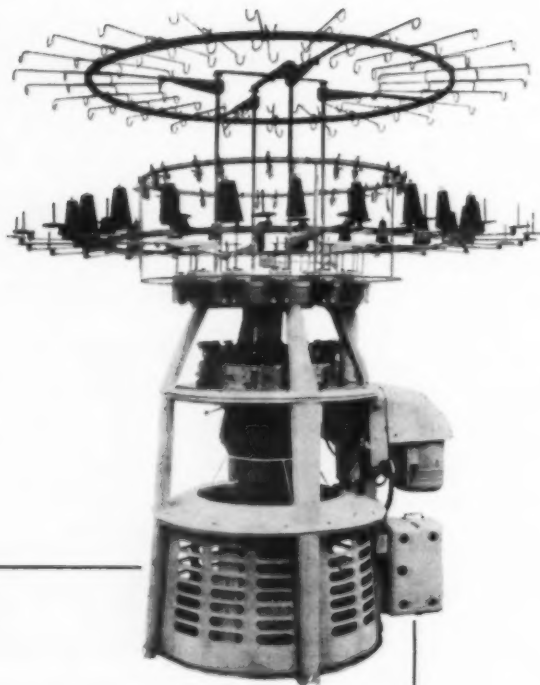
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# LEBOCEY MODEL "NOPAVIT"

## Circular Jacquard Rib Machine for the Finest knitted fabrics



Built by:

**Georges Lebocey & Cie.**

Troyes, France

Circular machine builders  
for 115 years

### Pattern Possibilities:

- Basic rib textures
- Plain and double pique
- Cardigan
- Blister
- Interlock
- Eightlock
- Ripple
- 2-3-4 Color Jacquard
- Combinations of Jacquard-Cardigan,  
Relief-Cardigan, Relief-Jacquard

### Patented Features:

- Cylinder needles selected by gear-driven pattern wheels with permanent setting
- Pattern selection discs placed on pattern wheel assembly provide fastest possible pattern changes and easy storage for future use of the same patterns
- Supermatic capstan type yarn furnishers on all feeds regulate yarn tension and assure even fabric structure
- Teleoperated 4 levers for speed regulation

Represented and serviced in the U.S. and Canada by:

## TRICOMA, INC.

7504 Empire State Bldg.

New York 1, N. Y.

Tel. Wisconsin 7-7466/7

Showroom and workshop: 303 Stockholm Street, Brooklyn 37, N. Y.  
Tel. GLenmore 6-0205

## District Associations

### Cleveland Group Holds Golf Party

CLEVELAND, O. — More than 100 golfers and diners attended the highly successful third annual Summer Frolic of the Cleveland District of National Knitted Outerwear Association.

Marc Frisch, president of the



Marc Frisch, left, president of the Cleveland District Knitted Outerwear Association, congratulates James Gartsu, Woonsocket Spinning Co., as he presents the winning award.

group, read a telegram from Sidney S. Korzenik, executive director and counsel of the National Knitted Outerwear Association, in which he congratulated the group.

The event, at the fashionable Beachwood Club, was planned by both Manny Landers and John Coyne of National Yarn Corporation. Frisch, of Frisch Knitting Mills, presided at the evening's festivities.



A happy Lester Bamberger, left, accepts the National Yarn Corporation trophy for low gross from Manny Landers of National Yarn Corporation.



Arthur Dery, Dalton, Inc., second from left, accepts his trophy from Harold Arsham, left, William Susen, of Phoenix and John Coyne, National Yarn Corporation.

### NEKOMA Dinner Oct. 7 Plan Annual Meeting

BOSTON, Mass. — The New England Knitted Outerwear Manufacturers Association will hold its semi-annual dinner meeting December 7 at Purcell's Restaurant, here, and its annual

seminar the weekend of June 23 at Wentworth - By - The - Sea, Portsmouth, N. H.

Harold Linsky is executive secretary and counsel of the New England group, and Joseph Emple, Emple Knitting Mills, Bangor, Maine, president.

# CALL US AT SUNRISE

FOR TOP PRICES ON  
WOMEN'S AND GIRLS'

- SWEATERS
- KNIT SUITS
- BATHING SUITS
- POLO SHIRTS

WE'RE ALWAYS OPEN TO BUY  
... WE ALWAYS BUY FAIR!

Sunrise Knitwear Co., 1384 Broadway, New York 18 • LA 4-9020

N. R. JACOBS

T. D. ROBSON

## Jacobs & Robson Co., Inc.

40 E. 34th Street, New York 16, N. Y.

Murray Hill 6-9160

**Dyed & Natural  
COTTON YARNS  
SYNTHETICS  
NOVELTY YARNS**

**Sales Agents For:  
CROSS COTTON MILLS CO.  
JORDAN MILLS, INC.**

FINER

# yarns

FROM FITCHBURG

*blended according to your specifications*

Natural and man-made fibers

100% and in blends



**Fitchburg Spinners Sales Corporation**  
Fitchburg, Massachusetts • Tel. Diamond 3-3751

## THE INDUSTRY'S MARKET PLACE

Advertising rates: \$5.50 per column inch per insertion. Positions Wanted: \$5.00 per column inch per insertion. Minimum space — 2 inches. Ads for Monday's paper must be in by preceding Wednesday, 2 P.M. Please enclose payment with your order.

### MACHINERY WANTED, FOR SALE

#### FOR SALE

2 TAI Philadelphia Jacquard machines, 15 and 16 gauge, or exchange for comparable value in flat equipment 4, 7 and 10 gauge.

Call **VARGEO, INC.**

John Miller—(N.J.) UNion 5-2600

#### WANTED

1—6 or 7 cut circular Links & Links model LH.

1—6 or 7 cut TJ. 1—14¼ cut TJL.

1—Roto-Coner.

We are not dealers.

Mr. Richard—PLAZA 7-3173 OR BOX 441

### OFFER US YOUR SURPLUS MACHINERY & EQUIPMENT HIGHEST PRICES PAID

- 2—14½ cut, 30", 32 feed Philip Interlock machines
- 1—15½ cut, 30", 32 feed Philip Interlock machine
- 1—19 cut, 30", 32 feed Philip Interlock machine
- 4—TA, body size 14", 15", 16", 17", 4 feed, 4 color yarn changers, individual drives, 10 cut machines
- 2—30", 8 cut TA 6 feed, 2 color yarn changer machines
- 2—30", 9 cut TA 6 feed, 2 color yarn changer machines
- 1—16 cut TAI, 30", 12 feed complete with strippers
- 3—13 cut TAI, 12 feed, 30" jog system machine
- 3—Universal Supramat SF, 10, 12, 14 cut
- 2—7 cut, 74" double jack Queens machines, selective racks for cables
- 2—7 cut, 88" double jack Queens machines, selective racks for cables
- 1—10 cut double head Lamb border machine
- 1—10 cut single head Lamb border machine
- 1—Jacquard GW, 28", 10 cut, 24 feed complete with wheels
- 1—8 cut, 28", 4 feed, 4 color Model TJ, like new

### STEINBERG BROTHERS

TEXTILE MACHINERY • AUCTIONEERS • APPRAISERS

174 Scholes Street

Brooklyn 6, N. Y.

Evergreen 7-3715 - 6229 - 6241

#### WANTED

Grosser—2½ gauge hand machines, 60 to 70 needles.

**BOX 400D**

#### FOR SALE

- 1—New Alemannia F8, 71", 4 cut
- 1—Universal Supramat SF, 63", 10 cut, like new
- 4—Jacquard LH6, 30", 8 cut
- 2—Jacquard TJI, 30", 14¼ cut
- 2—Brinton RMP, 24", 18 cut, 64 feed
- 1—Brinton RMP, 24", 20 cut, 64 feed
- 2—Scott & Williams MFRC interlocks, 30", 18 cut
- 20—Jacquard TJ mach., 13" through 22", 12 cut, 6 feed
- 225—Scott & Wms., Wildman, etc. rib machines, 8" through 20", 8 through 16 cut

### SPEIZMAN KNITTING MACHINE CORP.

Main Office N. Y. C. Office  
508 W. 5th ST., CHARLOTTE, N. C. 350 5th AVE., NEW YORK 1, N. Y.  
Phone ED 4-5546 Phone PE 6-0451

#### MACHINERY FOR SALE

Wildman PB2's. One machine 15", 8 cut.

One machine 20", 8 cut.

TJ6-7 cut, 2 color striper.

TJ6-8 cut, 4 color striper.

Call OR 4-1660 or BOX 430B

### COMPLETE SEWING PLANT FOR KNITTED SHIRTS FOR SALE

Especially Suitable for Contract Work

Fully equipped for large scale production of men's, boys', ladies' or girls' placket and novelty shirts. Modern machinery—including Merrows, Singers and special machines. Large loft in metropolitan area.

Ready for operation — can assist in securing contract work. Very reasonable.

**BOX 440R**



## BEST BUYS

- 3—Philip Mach., 32 feed, 30", 14, 14½, 18 cut  
 1—Scott & Williams interlock, 32 feed, 18 cut, 30"  
 1—Phila. Jacq. TJI, 14¼ cut, 30", 12 feed, Jacq. automats  
 4—Phila. Jacq. TAI, 8¾, 13, 15, 16½ cut, 30", 12 feed, 4 col. strip.  
 1—Phila. Jacq. TJ, 10 cut, 30" 12 feed, 4 color strip., automats.  
 2—Phila. Jacq. TJ, 7 & 8 cut, 28", 6 feed, 4 col. strip.  
 1—Phila. Jacq. TJ, 16", 7 cut, 4 col. str.  
 3—Phila. Jacq. LH, 7 & 8 cut, 30" & 28", 6 feed  
 1—O.G., 32", 36 feed, 8 cut, multi-feed jersey and 1 x 1 rib  
 2—Phila. Jacq. LA 30", 12 feed, 7 & 10 cut, 3 col. str.  
 2—Leighton transfers, 6½ & 10 cut, 32" & 34", 9 feed, 4 col. str.  
 8—Phila. Jacq. TA, 11" to 20", 4 feed, 6 to 12 cut  
 1—Phila. Jacq. MLW, 28", 11 cut, 24 feed, automats & wheels  
 4—Wildman PB2, 15", 17", 18", 28", 8 and 10 cut  
 2—Queens Model "B", 60", 9 & 12 cut, High & Low needles, Jacks  
 2—Lamb double head border machines, 7 & 8 cut, with motors  
 2—Supreme flats, 44", 7 cut, high & low butt  
 1—Dubied BAN, 56", 12 cut, Jacquards front & back  
 1—Supreme flat mach., 5 cut, 36"  
 2—Universal flat mach., 62", 10 & 12 cut  
 2—Universal Rete-coners, 20 spindle

*Joseph Kopelowitz, Inc.*

APPRAISALS — LIQUIDATIONS — FINANCING

600 Broadway, Brooklyn 6, N. Y. EVergreen 7-1145

Cable: Josko Inc., New York

## — SELLING —

- Flat machines, 7, 8 and 10 cut, 24" - 48", fully automatic  
 Toledo "pounds per dozen" scale  
 Eastman and Maimin late style round knives, 6" and 7"  
 Maimin self sharpener straight knife, 8"  
 IBM full automatic time clock  
 Sotco 2 thread loopers, 3, 4, 5, 6, 7, 8, 10, 12 and 14 point  
 Sotco "P" loopers, 10, 12, 14 and 15 point  
 Coca-Cola and Pepsi-Cola machines, late style  
 Steam table, 30" x 60"  
 American and Scalin slitters, used  
 3—Stafford and Holt 6 feed strippers, 8 cut  
 Border machines, 7, 8, 9 and 10 cut  
 Kastrinsky calender, 54"  
 2—Stafford and Holt 10 cut rib machines with 2 feed strippers  
 with separation  
 1—Stafford and Holt 5", 7 cut jersey machine with 3 feed stripper  
 Differential covering machines, Singer overlocks,  
 Button sewers, label machines, office water cooler,  
 new and used looping and sewing machine tables, etc.

**TERMS ARRANGED  
 ALL PRICED  
 FOR IMMEDIATE DISPOSAL!**

**ABE PRENSKY**

**And Don't Forget—  
 We rent all kinds of  
 knitting mill equipment**

487 Knickerbocker Ave., Brooklyn 37, N. Y. HY 1-2333

## WANTED

TJI 14¼ cut machines, set up on Jacquard, in running condition.  
 Give serial number and price in first letter.

**BOX 420J**

## FOR SALE

3—MLW machines, 26", 960 needles, 24  
 feed, 4 color strippers on each feed. Can  
 make body lengths, yard goods, Jacquard  
 or wheel designs. In perfect running con-  
 dition. Can be seen in operation.

**BOX 420K**

## WANTED

4 point Hepworth loopers

**BOX 430**

## FOR SALE

4—Links & Links 7 cut single jack machines.  
 1—66", 1—68", 2—84".  
 Can be seen in operation.

**BOX 446**

## 3 FLAT MACHINES AT SACRIFICE PRICES

11 cut, fully automatic  
 1—Dubied, 43"; 1—Grosser, 28"; 1—Grosser, 27"  
 All in excellent condition. Can be seen in operation.

**MODE KNITTING MILLS, INC.  
 521 Vine St., Philadelphia 6, Pa.**

## FOR SALE

1—Jacquard LH6, 30", 8 cut  
 1—Jacquard LH6, 28", 8 cut  
 Both with 3 color strippers and set on Jacquard.

**BOX 440M**

## WANTED

1—Philip 30", 32 feed, 17 or 18 cut machine in exchange for 2—  
 Ordnance Gauge machines: 1—24" and 1—22", OT, 8 feed,  
 10 cut, 3 color strippers.

**BOX 440N**

## OPEN TO PURCHASE Universal Flat Knitting Machines

4 gauge and 10 gauge

**BOX 440G**

## YARNS WANTED, FOR SALE

## WANTED—SURPLUS YARNS

of Worsted and Zephyr  
 Dyed or natural — any quantity  
**CENTURY YARN CO.**

686 Flushing Ave., Brooklyn 6, N. Y. EVergreen 8-8277

## FOR SALE

**ELASTIC YARN FOR KNITTING**

• All Sizes and Colors

**B**EDFORD YARN CO.  
 79 Clifton Place  
 Brooklyn, N. Y.  
 MAin 2-1340

**FOR SALE**

2,000 lbs.-high bulk 1/28, 3 denier Orlon  
acrylic, natural on cones. Considerably  
below market.

**BOX 440E**

**WE BUY AND SELL**

Worsted — Synthetics — Blends

**AT BEST PRICES!**

**BEDFORD YARN CO.**

MAin 2-1340  
Brooklyn, N. Y.  
79 Clifton Place

**WILSON YARN CORP.**

141 Wilson Ave., Brooklyn 37, N.Y.

GL 6-9686

H. BERMAN

**WE PAY  
TOP PRICES  
FOR  
SURPLUS YARN**

**We Buy & Sell  
WORSTED & SYNTHETIC  
YARNS**

**We carry in stock  
all colors and  
all sizes for the  
knitting trade!**

**HELP WANTED****KNITTER-MECHANIC WANTED**

on flat machines.

Steady position.

**BOX 321**

**EXCELLENT OPPORTUNITY  
FOR  
INDUSTRIAL ENGINEER  
IN  
PUERTO RICO**

Well known, dynamic American manufacturer, with plants outside San Juan, has excellent opportunity for industrial engineer.

Applicant should have college degree with at least five years' experience in apparel trade. Two or more years' experience in knitwear industry helpful. Good salary and fringe benefits. Relocation expenses paid for employee and family.

**BOX 414**

**PRODUCTION MANAGER WANTED**

Must be fully experienced in the knitting and finishing of knitted dresses and suits and have complete knowledge of plant operation. State experience in full detail.

All replies will be kept confidential.

**BOX 448**

**MECHANIC WANTED**

Fully experienced on LH, TJ and TA circular machines for large sweater mill located in New Jersey. 15 minutes from 42nd Street.

**BOX 420M**

**EXECUTIVE POSITION**

Assist president of fast growing men's knit shirt producer to supervise production, buy yarns and merchandise line. Excellent opportunity for man with good working experience and knowledge of yarns and knitting equipment. Full-fashioned background helpful. Write in confidence all details.

**BOX 440K**

**MECHANIC WANTED**

on Supreme knitting machines. Must be expert on loop cloth. Also, 2 and 3 position pattern wheels. Able to originate and copy fabrics. All answers strictly confidential.

**EMPIRE STATE MILLS, INC.**

2261 — 45th St., Astoria, L. I. RA 6-6333

**TOP OPPORTUNITY  
FOR TECHNICAL MAN**

with knowledge of current merchandising in ladies' knitted bathing suit fabrics. New division, large established knitting mill. New York City.

**BOX 440S**

**PRODUCTION MAN WANTED**

for men's sweater jobber—knowledge of contractors, yarns, machinery, styling, etc. Very lucrative offer to right man. All replies confidential.

**BOX 435**

**EXPERIENCED MECHANIC WANTED**

on flat machine — steady job.

**BOX 431**

**SWEATER MANAGER WANTED**

Head up children's sweater division in New York City. Must be capable of developing complete line, managing production, yarn purchasing and quality control. All replies confidential. Write full details to:

**CATALINA, INC.**

6040 Bandini Blvd., Los Angeles 22, Calif.

Att: Kent Steinbrenner

**FOREMAN OR FORELADY WANTED**

For sewing department of knitting mill.

Excellent opportunity for right person.

**BOX 443**

**MECHANICS WANTED**

on Supreme Loop machines-Wildman Spring Needle and Interlock machines. Must be familiar with design and copy work. Mills near Albany, N. Y.

Write Box 1069—1501 Broadway, New York 36, N.Y.

**WANTED**

Young energetic man, either salesman or mechanic for small knitted fabric mill. Excellent opportunity for right person to "buy in" as partner.

**BOX 440**

**WANTED: KNITTING ROOM FOREMAN**

to take charge of Jacquard TJ and MLW circular machines. Must have knowledge of repair and structure of machines. Also must be willing to re-locate in Northeastern Penna. Good salary. All replies confidential.

**BOX 449**

**WANTED**

Man to take charge of a full fashioned sweater plant. Also a full fashioned fixer in a sweater plant. Reply to:

**BOX 440L**

**PRODUCTION ASSISTANT AVAILABLE**

Experienced assisting busy executive in running sweater mill. Scheduling and dispatching knitting orders and controlling yarn inventory. Desires position with mill or jobber. College degree.

**BOX 442**

**SPINNING MACHINIST**

German 48, wishes position. 30 years experience, good trouble-shooter. Best references.

**WILHELM ZEUMANN c/o DAMM**  
951 Woodycrest Ave., New York 52, N. Y.

**CUTTING SUPERVISOR ON ALL TYPES OF SWEATERS**

Production and quality minded, thoroughly experienced pattern-maker, marker and supervisor of supplementary departments. Capable instructor and excellent references. Will relocate.

**BOX 440J**

**AVAILABLE: Supervisor**

Graduate textile engineering. 20 years experience all phases, flow production, costs, flat and circular machinery, also sewing equipment. for position, requiring own decisions.

**BOX 440P**

**AVAILABLE**

Production quality control manager. Complete knowledge on full fashioned and cut and sewn ladies', men's and children's sweaters. Some connections with contractors.

It is to your advantage to answer this ad.

**BOX 440A**

**CONTRACTORS WANTED, CONTRACT WORK WANTED****MANUFACTURER HAS CAPACITY AVAILABLE**

for knitting on 15 gauge and 9 gauge fully fashioned machines, contract looping on 5 point and 12 point collars and plackets, and seaming. First class workmanship guaranteed.

**BRUNTON KNITTING MILLS**  
Fairbank, Pa.

**JOBBER REQUIRES GOOD SEWING CONTRACTOR**

Year round work.

**LA 4-1930**

**CONTRACT WORK WANTED**

on 8 cut LH machines. Complete garments or knitting only (brushed or non-brushed).

**BOX 440H**

**CONTRACTOR**

Large plant, Links & Links, and circular. In position to handle garnett bulkies, bootie sets, and juvenile to size 14.

**BOX 440Q**

**FULL-FASHION PRODUCTION AVAILABLE**

Mill experienced in all types of yarns seeks additional production. We have the 'know-how' to aid you in styling and designing all types of novelties.

**BOX 445**

**BULKY PRODUCTION AVAILABLE**

on 4-cut Universal machines.

Expert workmanship.

**BOX 444**



CLOSEOUTS**CLOSE-OUTS WANTED**

CASH PAID for surplus stocks of Sweaters and Bathing Suits.

**BERNETTE TEXTILE COMPANY**

101 W. 31 St., New York City

BRyant 9-5526-7

**KNIT FABRICS, CLOSEOUTS WANTED**

Cottons, Jerseys, Nylon Fleece, Lastex, Novelties, Metallics.

Woven Piece Goods and Remnants. We pay cash.

**CHARMKNIT CORP., 82 Franklin St., N.Y.C. WA 5-6828**

NEED CASH FAST?

**YARN CLOSEOUTS WANTED**

Ban-Lon and Orlon Acrylic Small or Large Lots

**RIDGEWOOD YARN**

EV. 2-8002

**MEN'S, WOMEN'S & CHILDREN'S QUALITY SWEATERS  
CLOSEOUTS WANTED FOR CASH**

Our discount store sells to isolated areas enabling us to pay top cash prices and prevent conflict with Main Street stores. No quantities too small or too large. Upon receipt of your postcard letting us know what you have to offer, we will be pleased to visit you with cash.

**BOX 420B**

SALES REPRESENTATIVES WANTED, LINES WANTED**KNITTING MILLS**

Sales agents—requires additional full fashioned mill, experienced to make men's knitted novelty shirts for the major accounts. Also mill having circular machines to make fine gauge sweaters and shirts. Contact at once.

**BOX 430R**

**SELLING AGENTS WANTED**

to sell knitted yardgoods and trimmings  
on a commission basis.

**BOX 440X**

**LEADING SALES AGENCY**

Well known nationally — established many years  
— open to represent reliable mill manufacturing  
Men's and Boys' Bulky Sweaters and/or Ban-Lon  
Shirts for the wholesale chain store and mail order  
trade. Starting with the 1961 Season.

**BOX 440C**

**TRADE WANTS**

RATES: one insertion—35 cents per word. Words set completely in capitals — 40 cents per word. Box numbers count as two words. Minimum cost of advertisement—\$5.50. Minimum cost of Positions Wanted advertisements — \$5.00. Trade Wants for Monday's paper must be in by preceding Wednesday, 2 P.M. Please enclose payment with your order.

LEASE—SALE. LOFTS—BUILDINGS. ALL SIZES—ALL LOCATIONS. MILTON WOLF & CO., 744 BROAD STREET, NEWARK, NEW JERSEY. MI. 3-8844.

Knitter-mechanic wanted for Ordinance Gauge machines. New Jersey-Metropolitan area. Must be willing to work continuously on night shift. Box 440Y.

Contractor wanted to do finishing only. Cut, sew and trim. Box 447.

Contract work wanted on bulkies, 4 to 10 gauge Jacquard circular knitting machines. Any style, any yarn. Excellent workmanship. Reasonable. Box 440W.

Knitting mill for sale. 17 cut, 30" Philip machine and complete finishing plant. Reasonable. Cash, terms. Box 440V.

Mill representative seeking line of well made, popular priced bulkies. Can assure good volume. Box 440Z.

**SALES AGENCY WANTED**

to represent knitting mill making  
popular priced children's sweaters.

**BOX 440T**

BUSINESS OPPORTUNITIES**WANTED**

Partner with capital and connections for high class fully fashioned mill manufacturing ladies' medium to high class sweaters on 15 gauge and 9 gauge machines.

**BOX 430D**

MERCHANDISE FOR SALE**SAVE MONEY ON POLYETHYLENE BAGS**

9½ x 13—G.001 @ \$5.15 per M—G.00075 @ \$4.50 per M

11 x 14—G.001 @ \$6.35 per M—G.00075 @ \$5.25 per M

**LUCKY POLYETHYLENE MFG. CO**

454 Berry St., Brooklyn 11, N. Y. EVergreen 8-5403

MERCHANDISE WANTED**WANTED IMMEDIATELY**

Cotton knits, stripes, solids and  
prints. Fast action needed.

**CHAMPAGNE SPORTSWEAR**

1410 Broadway, New York 18, N. Y.

REAL ESTATE**WANTED TO RENT OR BUY**

Building or loft, 8,000-12,000 feet. Must be on one floor. For knitting mill operation. Brooklyn location: Ridgewood, East New York or vicinity.

EVergreen 5-7073

**SHIPPING LOFT**

10,000 square feet, 50' x 200', fully equipped with shelving for boxed goods, pipe racks for hanging goods, speed rails, trolleys, baskets, shipping and receiving tables, wheel skate and everything necessary for an efficient shipping and receiving stockroom. Modern offices. Low fire insurance rates. Convenient to all means of transportation. 627 Broadway, New York City, between Bleeker and Houston Streets.

Call Mr. Bond — GRamercy 7-3164



FOR THE WHOLESALE TRADE

# "SPRING KNITWEAR REVIEW"

**NOVEMBER 21st**

Spring is again assuming special seasonal importance in the knit goods industry! Capitalize on the mounting interest in spring goods by wholesalers — by showing off your new offerings in this important Special Issue.

Good news, too, will be the fact that our special issue will have complete coverage of every wholesale distributor and dry goods jobber in the United States — a bonus circulation of 2,000 with *no increase in advertising rates*.

Call, wire or write for full details.

*Deadline for space reservations: November 7, 1960*

*Deadline for copy and/or plates: November 11, 1960*

## Knitted Outerwear Times

386 PARK AVENUE SOUTH • NEW YORK 16, N. Y.

MURRAY HILL 3-7520



## WOONSOCKET SPINNING CO.

**When you buy from Woonsocket you are buying the best!** Whether it be cashmere, camels hair, angora, fur blends, mohair, lambs wool or other specialty yarn, Woonsocket begins with the world's finest fibers. Woonsocket processes them in its own mills, under highly scientific control until the yarn is delivered promptly to your factory. Thus you are assured of an adaptable resource, able to meet the constantly changing demands of men's and women's fashions.

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